

**iSBC® 608/618 MODULAR  
CARD CAGE AND BACKPLANE  
HARDWARE REFERENCE  
MANUAL**

Order Number: 144261-001

intel®



# iSBC® 608/618 MODULAR CARDCAGE AND BACKPLANE HARDWARE REFERENCE MANUAL

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## PREFACE

This manual provides general information, specifications, installation instructions and service information for the iSBC 608/618 Modular Cardcage and Backplane. Related information is provided in the following publications, available from the Intel corporate Literature Department in Sunnyvale, California (see page ii for mailing address).

- \* Intel Multibus Specification, Order Number 9800683.
- \* iSBC Applications Handbook, Order Number 142687.
- \* OEM Microcomputer Systems Pocket Reference Guide, Order Number 143925.



# INTRODUCTION

This manual provides general information regarding the use of the equipment and the various functions of the equipment. It is intended to be used as a reference for the operator and the maintenance personnel. The manual is divided into two main parts: the first part describes the general information and the second part describes the specific functions of the equipment.

## 1. GENERAL INFORMATION

### 1.1. Description of the equipment

The equipment is a portable, self-contained unit designed for use in a variety of environments. It is capable of operating in temperatures ranging from -20°C to 50°C and in humidities up to 95%.

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## CHAPTER 1 GENERAL INFORMATION

### 1-1 INTRODUCTION

The iSBC 608 Modular Cardcage and Backplane is a Multibus compatible, eight-slot board chassis with a fully integrated backplane (Figure 1-1). The iSBC 618 Modular Cardcage and Backplane is the expansion version of the iSBC 608 product. One iSBC 618 cardcage may be stacked on the base iSBC 608 cardcage to form a complete 16 slot Multibus system. Depending on the power requirements for the system, the expansion cardcage may use its own power supply.

This manual provides the information you will need to set up the base cardcage in your system. Stacking instructions are provided for system expansion.

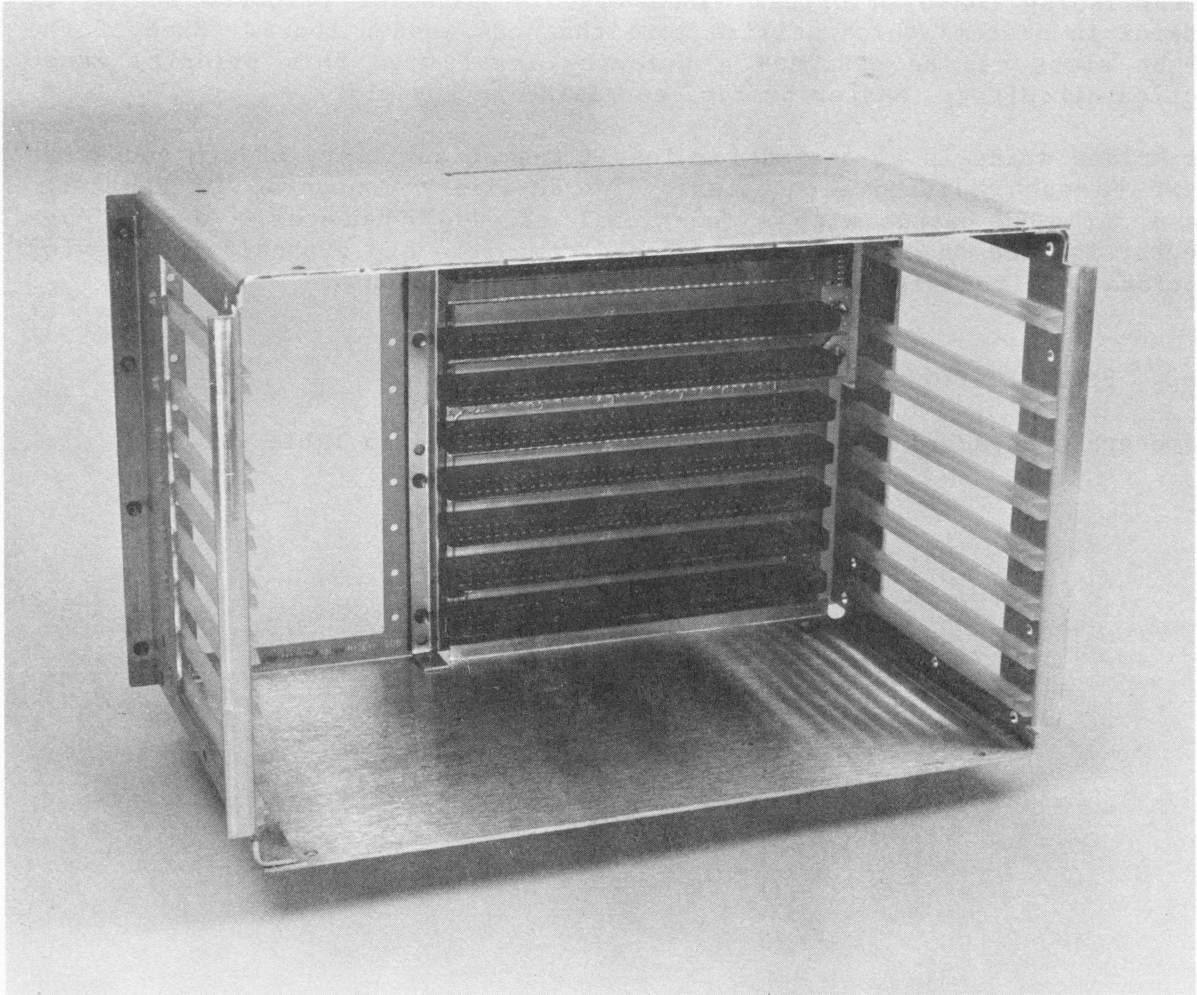


Figure 1-1. iSBC<sup>®</sup> 608 Modular Cardcage/Backplane

## iSBC® 608/618 MODULAR CARD CAGE & BACKPLANE

### 1-2 DESCRIPTION

The cardcage and backplane will accommodate up to eight standard iSBC Multibus form factor boards. Two slots provide spacing to accommodate iSBC host boards with iSBX Multimodule boards installed, without slot penalty. All slots are iSBC Multimodule compatible without penalty. Power is routed from the power supply to the backplane with one connector and two screw-lug terminals.

System expansion to 16 slots is easily accomplished by stacking an iSBC 618 cardcage onto an iSBC 608 cardcage. All Multibus lines are routed to the expansion backplane via a single edge connector. Interleaved signal and ground traces are incorporated into the iSBC 608/618 design. This enhancement improves backplane noise immunity and minimizes signal-to-signal coupling.

Each backplane is equipped with a set of jumper connectors for use in establishing board priority. This type of parallel priority scheme is useful in systems which utilize more than one master board. Each of the eight slots can be assigned a priority level with this priority resolution circuitry. Master boards can reside in any slot.

Backplane space is allocated for installing an auxiliary 60-pin connector next to each Multibus connector. The auxiliary connector is typically used for iSBC boards with a functional P2 edge connector. The P2 connector is used on certain single board computers and expansion boards for optional control signals and battery backup provisions.

### 1-3 SPECIFICATIONS

Cardcage and backplane specifications are provided in Table 1-1.



iSBC<sup>®</sup> 608/618 MODULAR CARD CAGE & BACKPLANE

Table 1-1. iSBC<sup>®</sup> 608/618 Specifications

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Physical Dimensions:	Height:	8.40 inches
	Width:	13.16 inches
	Depth:	7.50 inches
	Weight:	3.50 pounds
Board Slot Spacing:	Top - J1:	1.20 inches (to center)
	J1 - J2:	1.30 inches (center to center)
	J2 - J3:	0.80 inches (center to center)
	J3 - J4:	0.80 inches (center to center)
	J4 - J5:	0.80 inches (center to center)
	J5 - J6:	0.80 inches (center to center)
	J6 - J7:	0.80 inches (center to center)
	J7 - J8:	0.80 inches (center to center)
	J8 - Bottom:	0.70 inches (from center)
Electrical Characteristics:	+5V @	60 A Maximum
(maximum current)	+12V @	6 A Maximum
	-12V @	2 A Maximum
	-5V @	2 A Maximum
	GND @	60 A Maximum
Environmental Characteristics:		
Operating Temperature:		0°C to 55°C
Storage Temperature:		-40°C to 85°C
Humidity:		50% to 95% non-condensing @ 25°C to 40°C
Vibration & Shock:		2G maximum through 50Hz
Minimum Airflow:		200 linear feet/minute

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iSBC® 608/618 MODULAR CARDCAGE & BACKPLANE

BLANK

## CHAPTER 2 PREPARATION FOR USE

### 2-1 INTRODUCTION

This chapter provides installation instructions and configuration information for the iSBC 608 Modular Cardcage and Backplane. The information presented in this chapter includes unpacking and inspection instructions; installation considerations such as physical dimensions, mounting instructions; connector assignments; and jumper configurations.

### 2-2 UNPACKING & INSPECTION

Inspect the shipping carton immediately upon receipt for evidence of mishandling during transit. If the shipping carton is severely damaged or waterstained, request that the carrier's agent be present when the carton is opened. If the carrier's agent is not present when the carton is opened and the contents are damaged, keep the carton and packing material for the agent's inspection.

For repairs to a product damaged in shipment contact the Intel Product Service HOTLINE to obtain a return authorization number and further instructions (see section 5-2). A purchase order will be required to complete the repair. A copy of the purchase order should be submitted to the carrier with your claim.

### 2-3 INSTALLATION CONSIDERATIONS

The iSBC 608 Cardcage can be mounted in either a vertical or horizontal position. It can be used in a chassis or in a standalone configuration. When an iSBC 608 Cardcage is attached to an iSBC 618 Expansion Cardcage the stacked pair may be used with the mounting rails for installation in an EIA compatible (19-inch) rack. The following sections describe important installation considerations.

### 2-4 Physical Dimensions

Figure 2-1 provides iSBC 608 cardcage physical dimensions. Dimensions of the iSBC 618 cardcage are identical.

## iSBC<sup>®</sup> 608/618 MODULAR CARD CAGE & BACKPLANE

### 2-5 Cooling Requirements

Although the cardcages do not require any cooling, they will require air flow when integrated into a system. A fan mounting bracket is provided with each cardcage for this purpose. Refer to Section 2-9 for fan mounting instructions.

### 2-6 Power Connections

Three separate power connections are required on the iSBC 608/618 backplane (base unit): J10, E29, and E30 (refer to figure 2-2). The +5VDC (E29) and GND (E30) connections are 10-24 machine screw terminals which are attached directly to the backplane (see Figure 2-2). Each terminal location is clearly marked on the backplane.

Connections for the +12VDC, -12VDC, and -5VDC are made through receptacle J10 on the backplane (see Figure 2-2). Compatible connectors for this plug are listed in Table 2-1.

#### WARNING

When installing the terminals for +5VDC and GND, ensure each connector is placed correctly. Terminal reversal may cause severe damage to your equipment.

### 2-7 MULTIBUS<sup>®</sup> AND AUXILIARY CONNECTORS

The iSBC 608/618 cardcage and backplane is equipped with eight Multibus connectors. These 86-pin connectors allow any iSBC board to be readily installed into the cardcage (pin identification is provided in Figure 3-3).

Adjacent to each 86-pin Multibus connector on the backplane, space is provided for an auxiliary 60-pin connector. Not all iSBC boards require the auxiliary connector, therefore this connector is not supplied with the cardcage. Table 2-2 provides a partial list of vendors who supply compatible auxiliary connectors for iSBC systems. Auxiliary connectors are secured to the backplane with two machine screws.

### 2-8 CHASSIS MOUNTING

The cardcages may be mounted in a vertical or horizontal position in any chassis which provides adequate ventilation (<55°C ambient temperature @ 200 CF/M). Holes are provided on the top and bottom of the cardcage for



# iSBC® 608/618 MODULAR CARD CAGE & BACKPLANE

mounting purposes (see Figure 2-3). When an iSBC 608 Cardcage is attached to an iSBC 618 Expansion Cardcage the stacked pair may be used with the mounting rails for installation in an EIA compatible (19-inch) rack. See section 2-10 for stacking instructions.

Table 2-1. Compatible Power Connectors

<u>VENDOR</u>	<u>PART NUMBER</u>
3M	3399 - 6026
Ansley	609 - 2600M
Berg	65485 - 009

Table 2-2. Auxiliary Connector Sources

Function	Pins	Centers (inches)	Connector Type	Vendor P/N
Auxiliary Connector P2	30/60	0.100	Wire Wrap	Elfab BS1020A-30PBB
			With 0.128 mounting holes	TI H421121-30 Viking 3KH30/9JNK
			No Ears	Elfab BW1020D-30PBB

Notes: 1. Connector heights are not guaranteed to conform to OEM equipment.  
 2. Wire wrap pin lengths are not guaranteed to conform to OEM equipment.  
 3. Connector numbering convention may not agree with board connector.

## 2-9 Fan Installation

Air circulation must be provided at a minimum flow rate of 200 linear feet/minute through the cardcage. A fan installation bracket is provided with each. Table 2-3 provides a partial list of compatible fans for installation on either the iSBC 608 or iSBC 618 cardcage. Install one or two fans on the mounting bracket, then install the bracket on the cardcage as shown in Figure 2-4.

iSBC® 608/618 MODULAR CARDCAGE & BACKPLANE

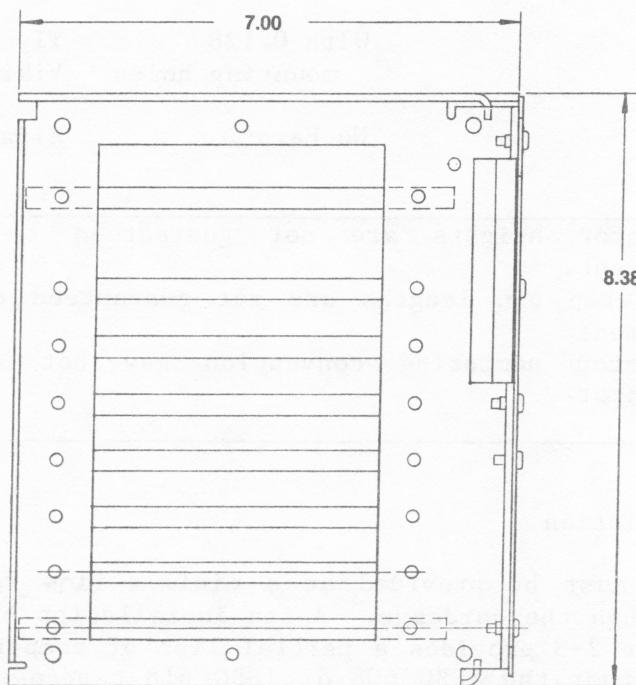
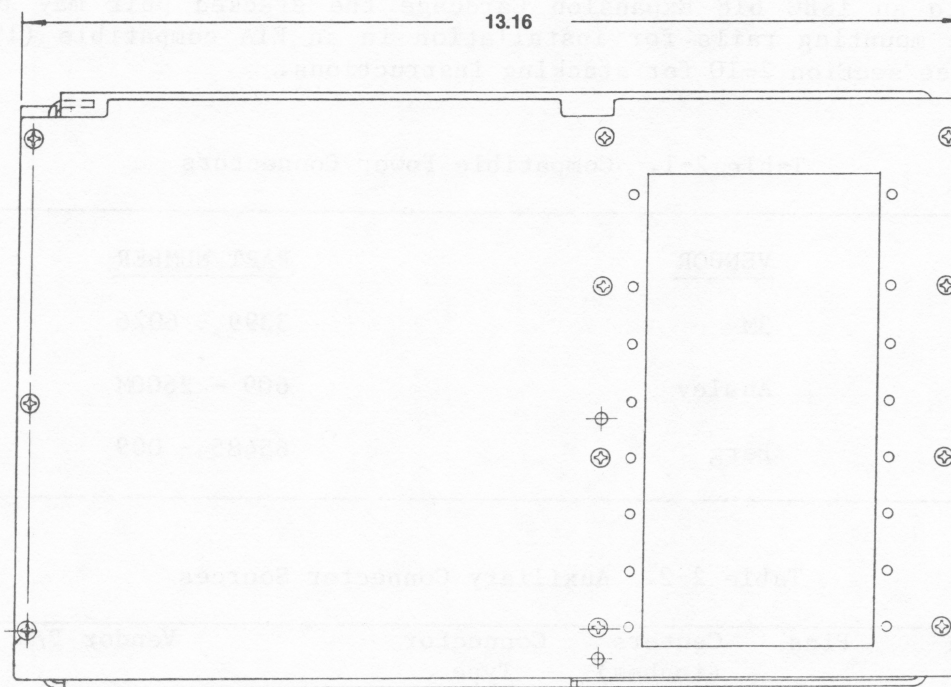


Figure 2-1. Physical Dimensions (Inches)

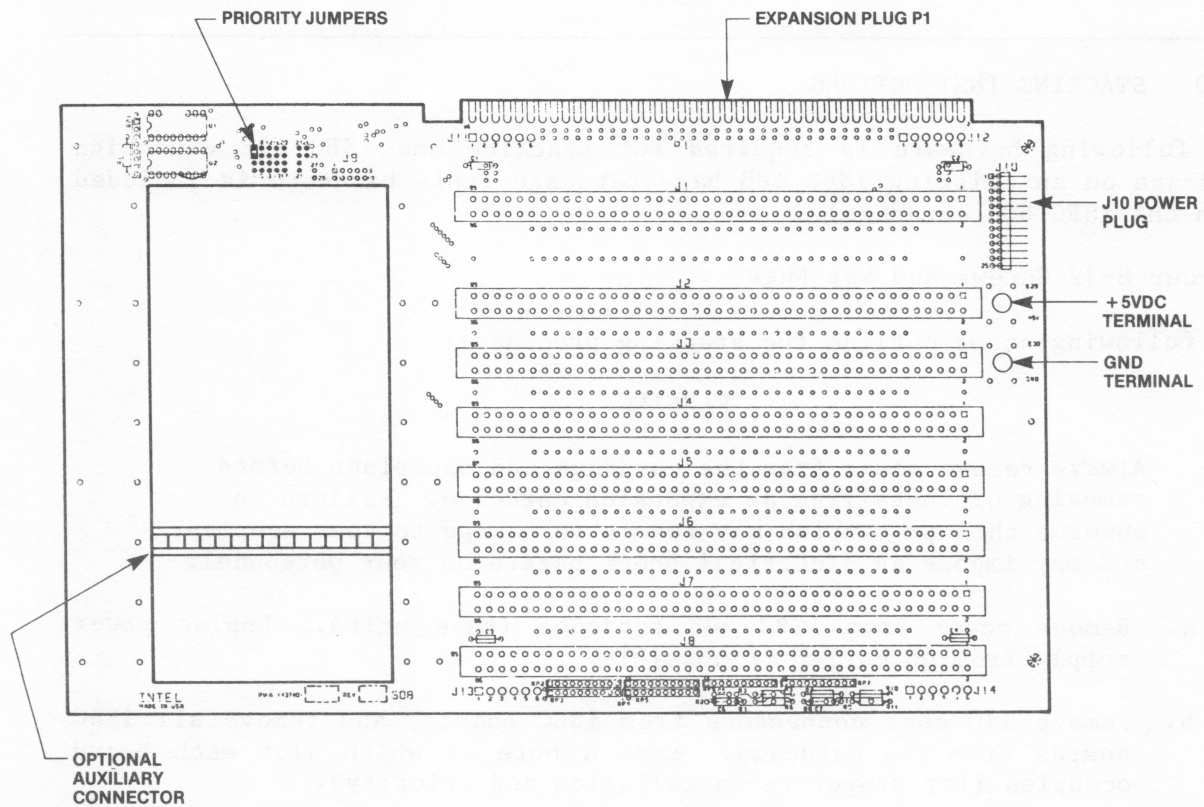


Figure 2-2. iSBC® 608/618 Backplane



Table 2-3. Compatible Fans

<u>VENDOR</u>	<u>PART NUMBER</u>
Rotron	SU2A1 - 028267
Torin	TA300 - A30473-10
Pamotor	8506D

## 2-10 STACKING INSTRUCTIONS

The following hardware is required for stacking one iSBC 618 expansion cardcage on an existing iSBC 608 base cardcage (this hardware is included with the iSBC 608 cardcage):

Four 8-32 Screws and Kep Nuts

The following steps outline the stacking procedure:

## WARNING

Always remove power from the cardcage and backplane before removing or installing an expansion cardcage. Failure to observe this precaution may result in damage to your equipment and may impose an electrical shock hazard on your personnel.

- a. Remove power from iSBC 608 cardcage (base unit). Unplug power supply from AC outlet if possible.
- b. Remove I/O edge connectors from iSBC boards, and remove all iSBC boards from the cardcage. Make a note of which slot each board occupies (for proper re-installation and priority).
- c. Place the iSBC 618 expansion cardcage on the base unit so that the expansion connector interface is properly seated.
- d. Install the four 8-32 screws as shown in Figure 2-3, and tighten.
- e. Remove the jumper between post 23 - 24 on the iSBC 608 backplane to enable the 16 slot parallel priority resolution.
- f. Reconfigure backplane priority jumpers to obtain desired slot priority order. Refer to Section 2-11 for jumper identification.
- g. Install or move any auxiliary connectors required for your application.
- h. Install rack mount rails, if required. Rails should be installed to the open end of each cardcage.

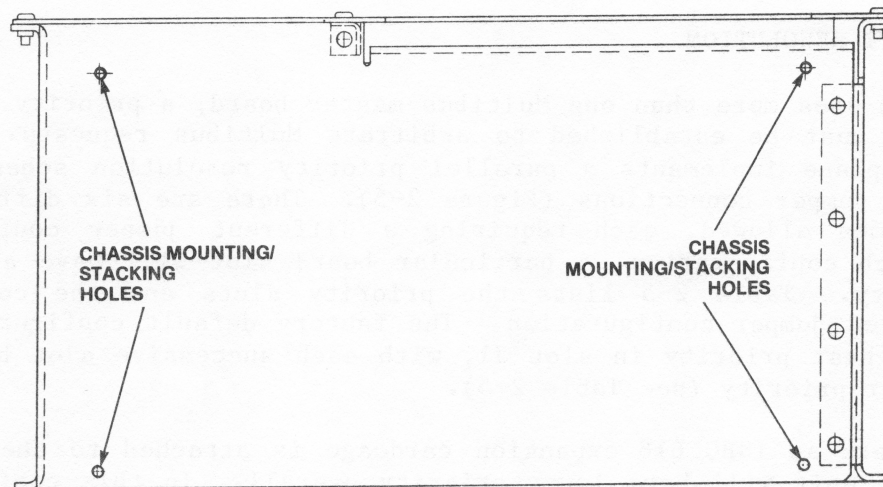


Figure 2-3. Chassis Mounting/Stacking Holes

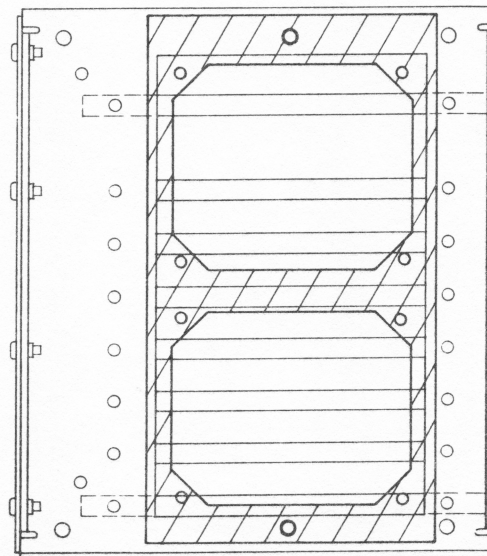


Figure 2-4. Fan Installition Position

- i. Install iSBC boards into each cardcage. Ensure that board placement conforms to desired priority scheme (see Section 2-11). Install I/O connectors onto edge connectors.

## 2-11 PRIORITY RESOLUTION

If your system uses more than one Multibus master board, a priority resolution scheme must be established to arbitrate Multibus requests. The iSBC 608 backplane implements a parallel priority resolution scheme by using plug-in jumper connections (Figure 2-5). There are six different priority schemes allowed, each requiring a different jumper configuration. In each configuration, a particular board slot will have a different priority. Table 2-5 lists the priority slots and the corresponding required jumper configuration. The factory default configuration places the highest priority in slot J1, with each successive slot having one level lower priority (see Table 2-5).

In systems where an iSBC 618 expansion cardcage is attached to the base unit, the base unit will have lower priority overall. In this configuration the master boards in the iSBC 608 base cardcage may gain control of the Multibus lines only when no boards in the iSBC 618 cardcage are asserting the Bus Request (BREQ/) signal. Remove jumper connection 23 - 24 on the iSBC 608 backplane to enable 16 slot resolution.



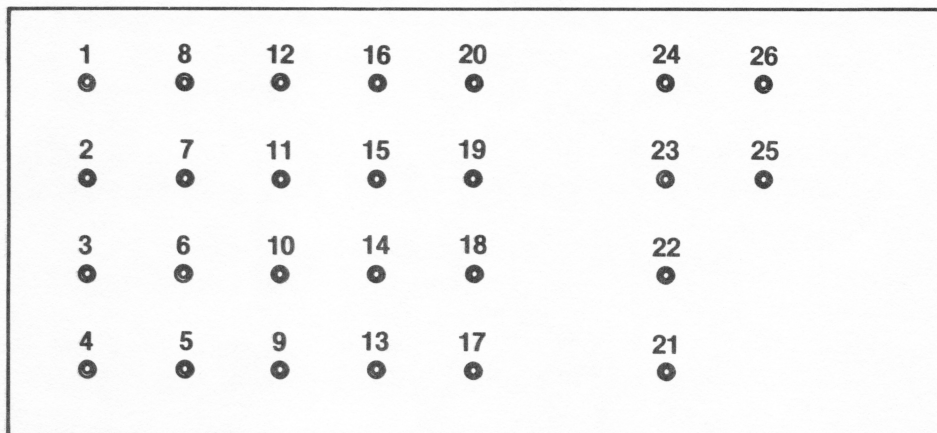


Figure 2-5. Priority Jumper Post Numbering

Table 2-4. Priority Resolution Jumper Configurations

Priority Level/Slot J8 J7 J6 J5 J4 J3 J2 J1								Jumper Connections Required
7	6	5	4	3	2	1	0	1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16, 17-18, 19-20, 21-22, 23-24.*
7	1	5	4	3	2	6	0	1-5, 2-6, 3-7, 4-8, 9-10, 11-12, 13-14, 15-16, 17-18, 19-20, 21-22, 23-24.
0	1	5	4	3	2	6	7	1-5, 2-6, 3-7, 4-8, 9-10, 11-12, 13-17, 14-18, 15-19, 16-20, 21-22, 23-24.
0	6	5	4	3	2	1	7	1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-17, 14-18, 15-19, 16-20, 21-22, 23-24.
7	6	5	1	3	2	4	0	1-2, 3-4, 5-9, 6-10, 7-11, 8-12, 13-14, 15-16, 17-18, 19-20, 21-22, 23-24.
7	6	5	0	3	2	1	4	1-2, 3-4, 5-6, 7-8, 9-13, 10-14, 11-15, 12-16, 17-18, 19-20, 21-22, 23-24.

Notes: Priority 0 = Highest; Priority 7 = Lowest.

\* Factory Default Configuration

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	12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## CHAPTER 3 SERVICE INFORMATION

### 3-1 INTRODUCTION

This chapter provides service assistance information, a schematic diagram of the backplane and a parts list.

### 3-2 SERVICE AND REPAIR ASSISTANCE

United States Customers can obtain service and repair assistance by contacting the Intel Product Service Hotline in Phoenix, Arizona. (refer to telephone number below.) Customers outside the United States should contact their sales source (Intel Sales Office or Authorized Distributor) for service information and repair assistance.

Before calling the Product Service Hotline, you should have the following information available:

- a. Date you received the product.
- b. Complete part number of the product (including dash number). On boards, this number is usually silk-screened onto the board. On other products, it is usually stamped on a label.
- c. Serial number of product. On boards, this number is usually stamped on the board. On other products, the serial number is usually stamped on a label.
- d. Shipping and billing addresses.
- e. If your Intel product warranty has expired, you must provide a purchase order number for billing purposes.
- f. If you have an extended warranty agreement, be sure to inform the Hotline personnel of this agreement.

Use the following numbers for contacting the Intel Product Service Hotline:



## iSBC® 608/618 MODULAR CARD CAGE & BACKPLANE

### TELEPHONE:

All U.S. locations, except Alaska, Arizona, & Hawaii:

(800) 528 - 0595

All other locations: (602) 869 - 4600

### TWX NUMBER:

910 - 951 - 1330

Always contact the Product Service Hotline before returning a product to Intel for repair. You will be given a repair authorization number, shipping instructions, and other important information which will help Intel provide you with fast, efficient service. If you are returning the product because of damage sustained during shipment or if the product is out of warranty, a purchase order is required before Intel can initiate the repair.

In preparing the product for shipment to the Repair Center, use the original factory packing material, if possible. If this material is not available, wrap the product in a cushioning material such as Air Cap TH - 240, manufactured by the Sealed Air Corporation, Hawthorne, N.J. Then enclose in a heavy duty corrugated shipping carton, and label "FRAGILE" to ensure careful handling. Ship only to the address specified by Product Service Hotline personnel.

### 3-3 REPLACEMENT PARTS

Replacement parts for the iSBC 608 and 618 cardcages are listed in Table 3-1. Backplane parts are shown in Figure 3-1.

### 3-4 SCHEMATIC DIAGRAM

A schematic diagram of the backplane is shown in Figure 3-2.

iSBC<sup>®</sup> 608/618 MODULAR CARD CAGE & BACKPLANE

Table 3-1. Replacement Parts

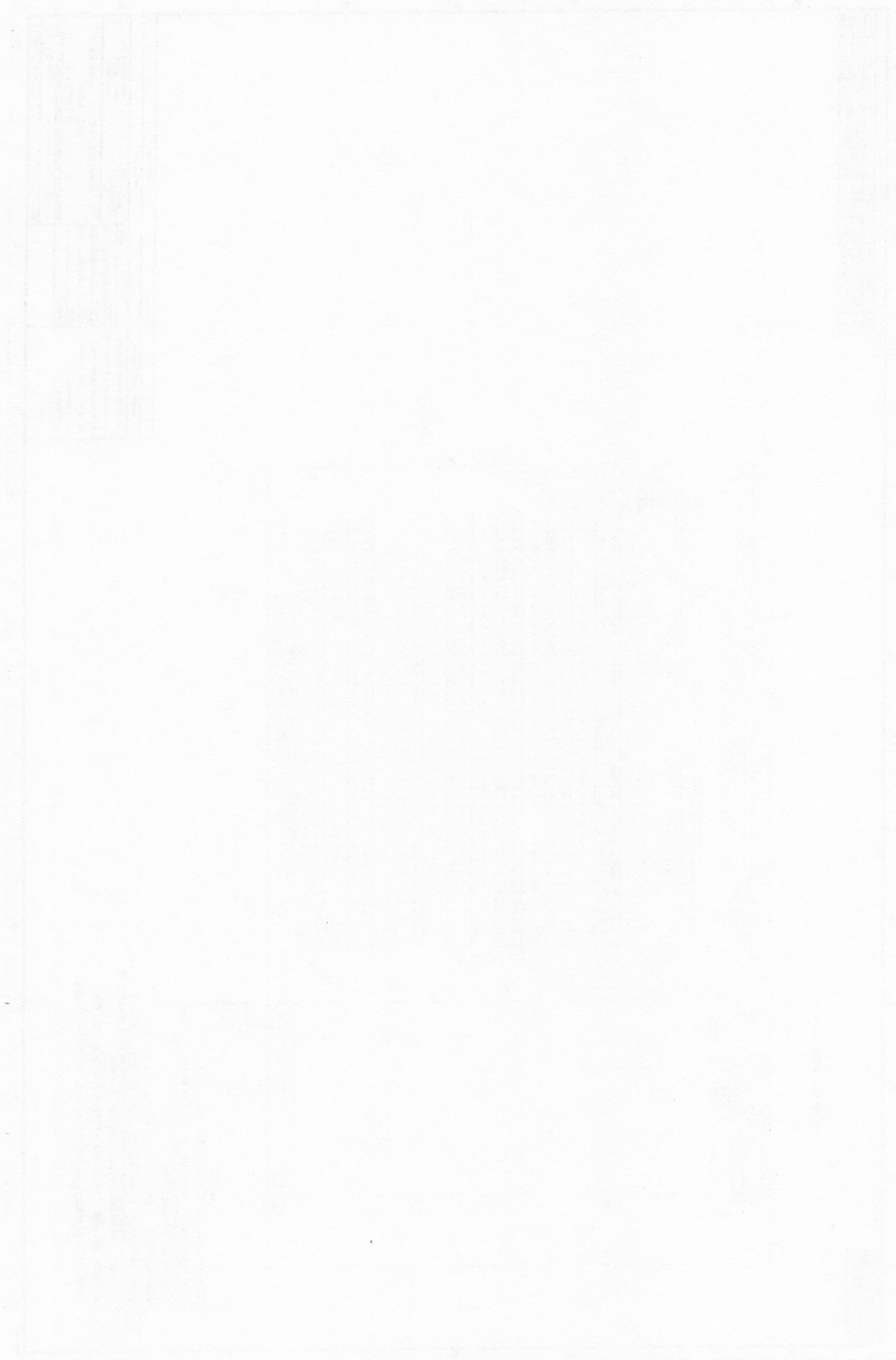
<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
iSBC 608 Cardcage:		
143255-003	Cardcage/Backplane Assembly	1
143998-001	Fan Bracket	1
144161-001	EIA Rack Mounting Rail	2
103417-050	Screw, PanHead 8-32 x 0.44	6
143966-001	Mounting Bracket, Cardcage	4
103417-071	Screw, PH, 10-32 x 0.88	6
103444-008	Nut, Kep 8-32	2
iSBC 608 Backplane:		
143741-001	PWB, 8-Slot Backplane	1
101762-049	Capacitor 0.1uf +80-20%, 50V (C1-4)	4
100632-021	IC, 74S138 (U1)	1
100637-001	IC, 74148 (U2)	1
101655-059	Resistor, 220 ohm, 5%, 1/4W (R6, 11)	2
101655-089	Resistor, 320 ohm, 5%, 1/4W (R2, 8)	2
101656-030	Resistor, 510 ohm, 5%, 1/4W (R10)	1
101655-004	Resistor, 10K ohm, 5%, 1/4W (R1)	1
101655-061	Resistor, 22K ohm, 5%, 1/4W (R7)	1
101655-003	Resistor, 1K ohm, 5%, 1/4W (R5)	1
101736-023	Resistor Pack, 1K ohm, 2% (RP6,7)	2
101736-028	Resistor Pack, 2.2K ohm, 2% (RP2-5)	4
101729-038	Resistor Pack, 10K ohm, 2% (RP1)	1
102247-001	Multibus Connector (J1-8)	8
106891-013	Connector RA 26 Pin (J10)	1
102743-001	Stake Pin (E1-28, J9-1 to J9-10)	38
102480-001	Shorting Plug	13





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iSBC® 608/618 MODULAR CARD CAGE & BACKPLANE



## iSBC® 608/618 MODULAR CARD CAGE &amp; BACKPLANE

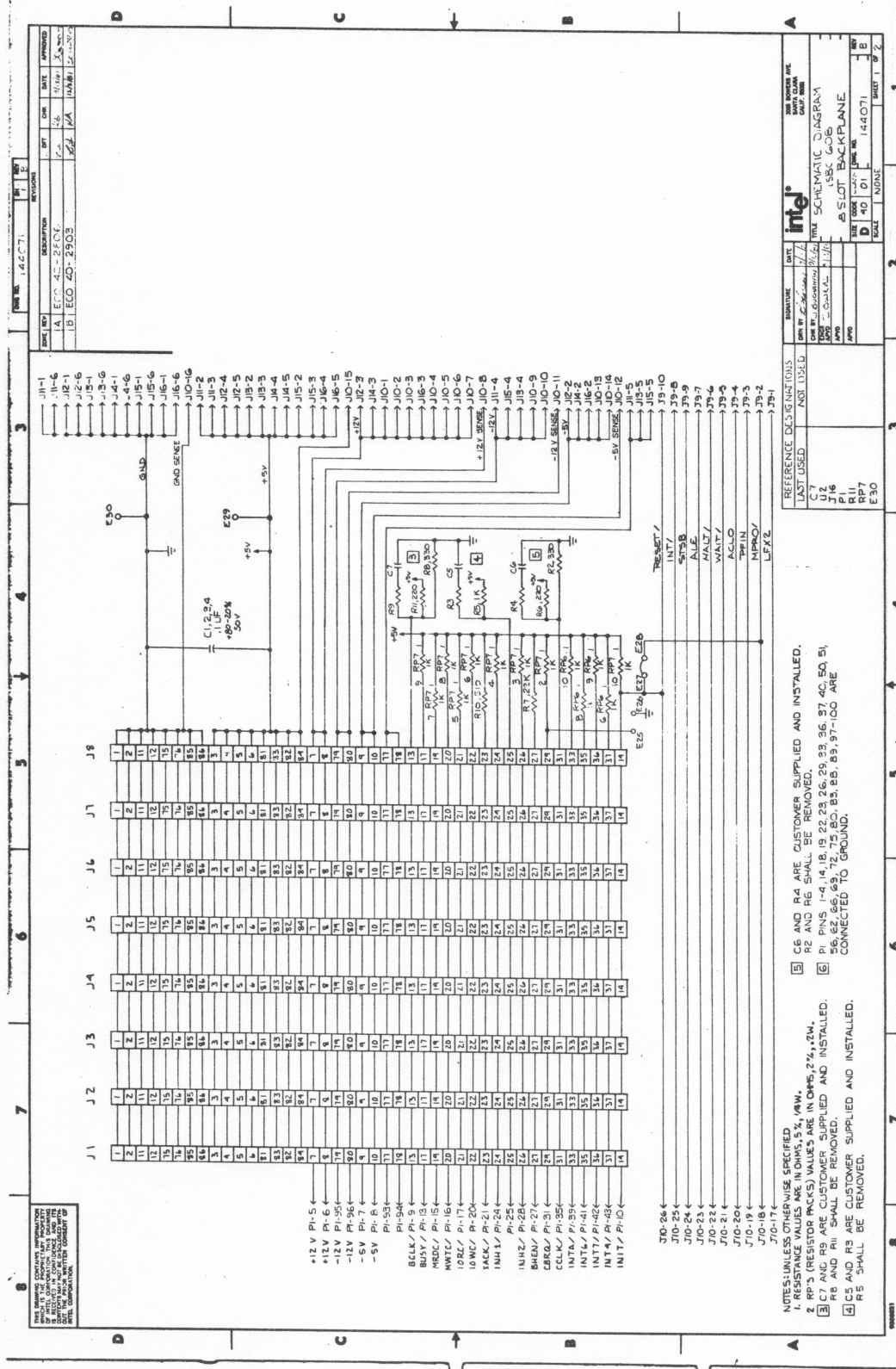
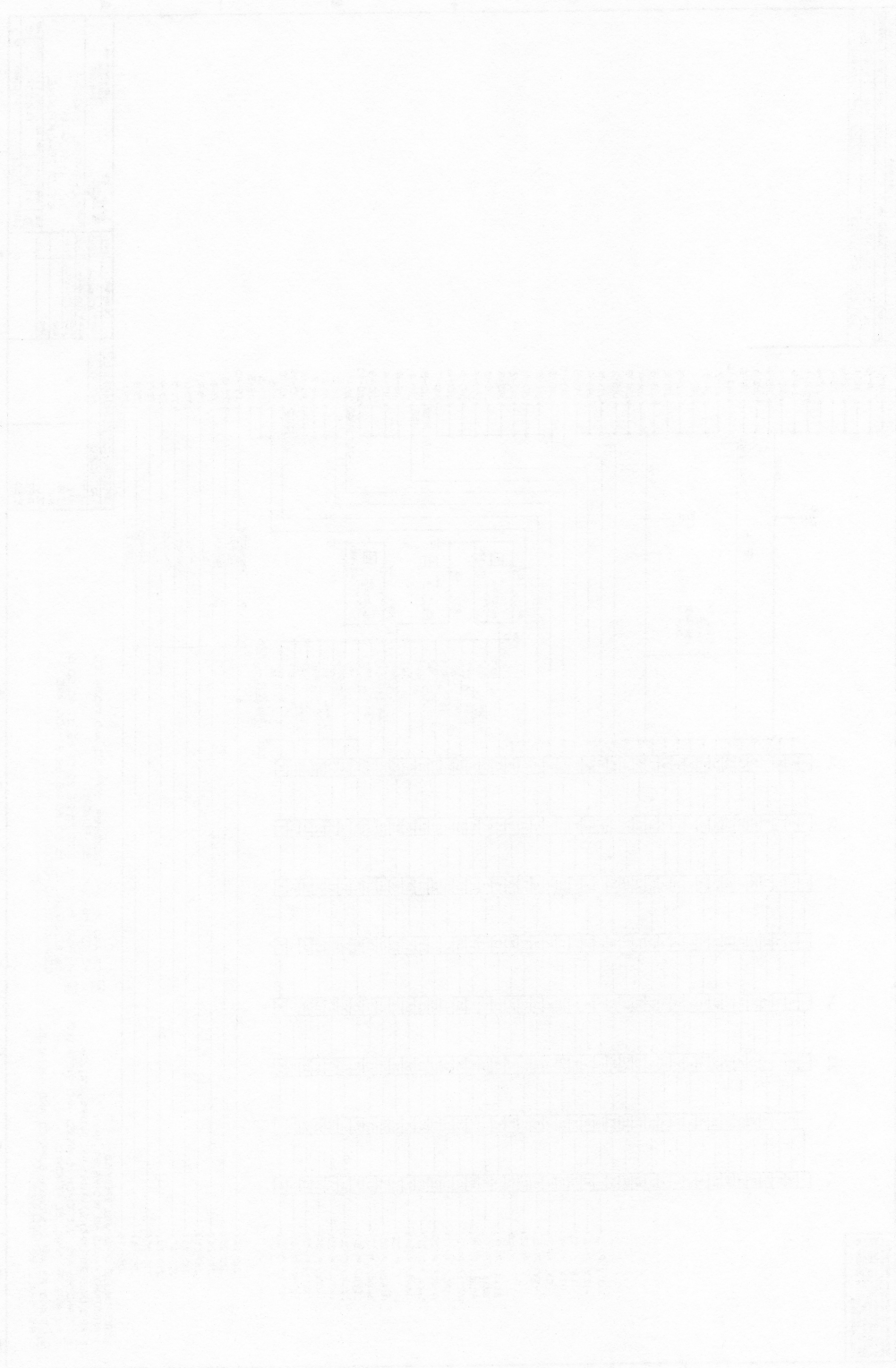


Figure 3-2. iSBC 608/618 Schematic (Sheet 1)



1SBC® 608/618 MODULAR CARD CAGE & BACKPLANE



## iSBC® 608/618 MODULAR CARDCAGE & BACKPLANE

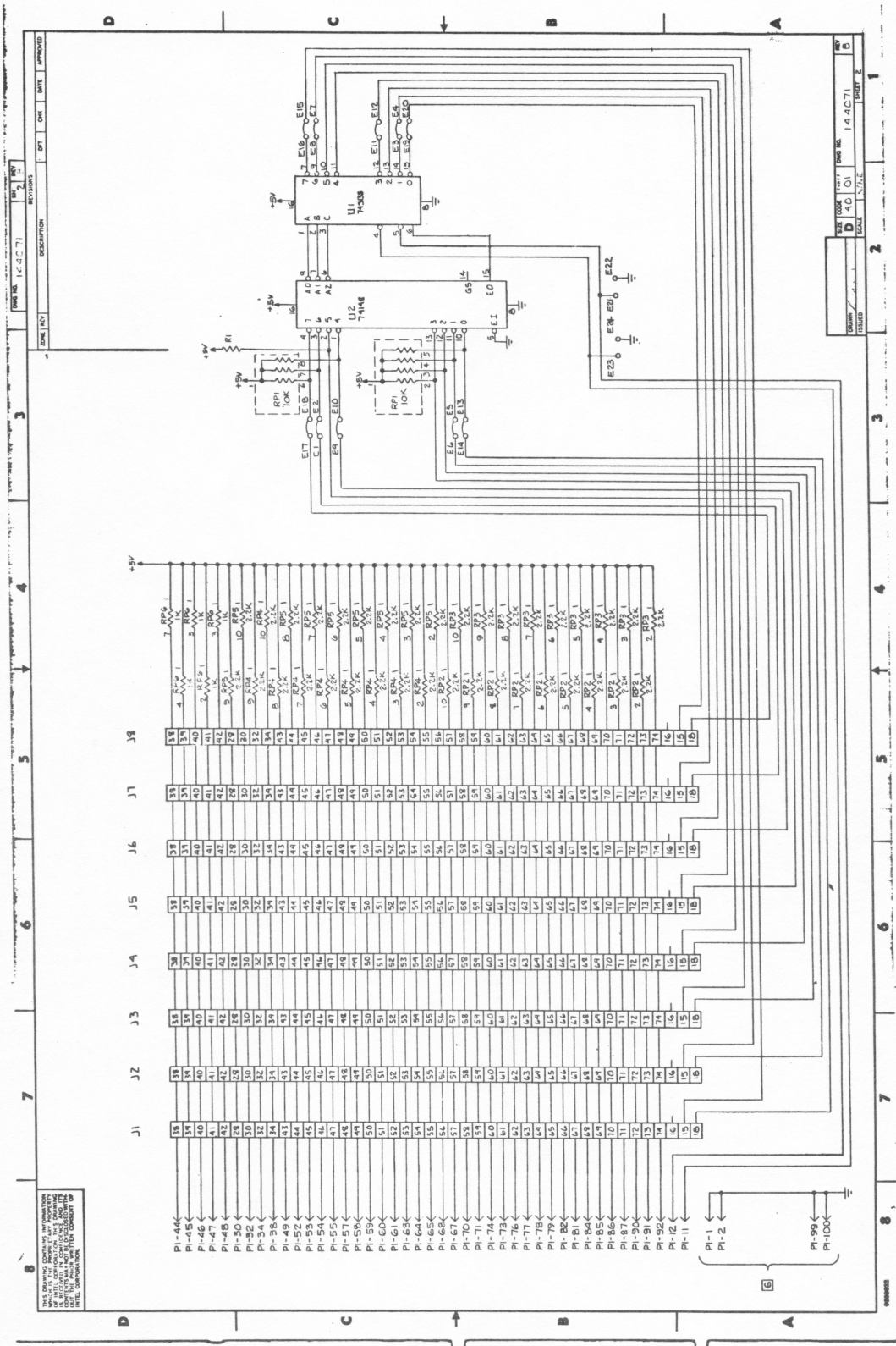
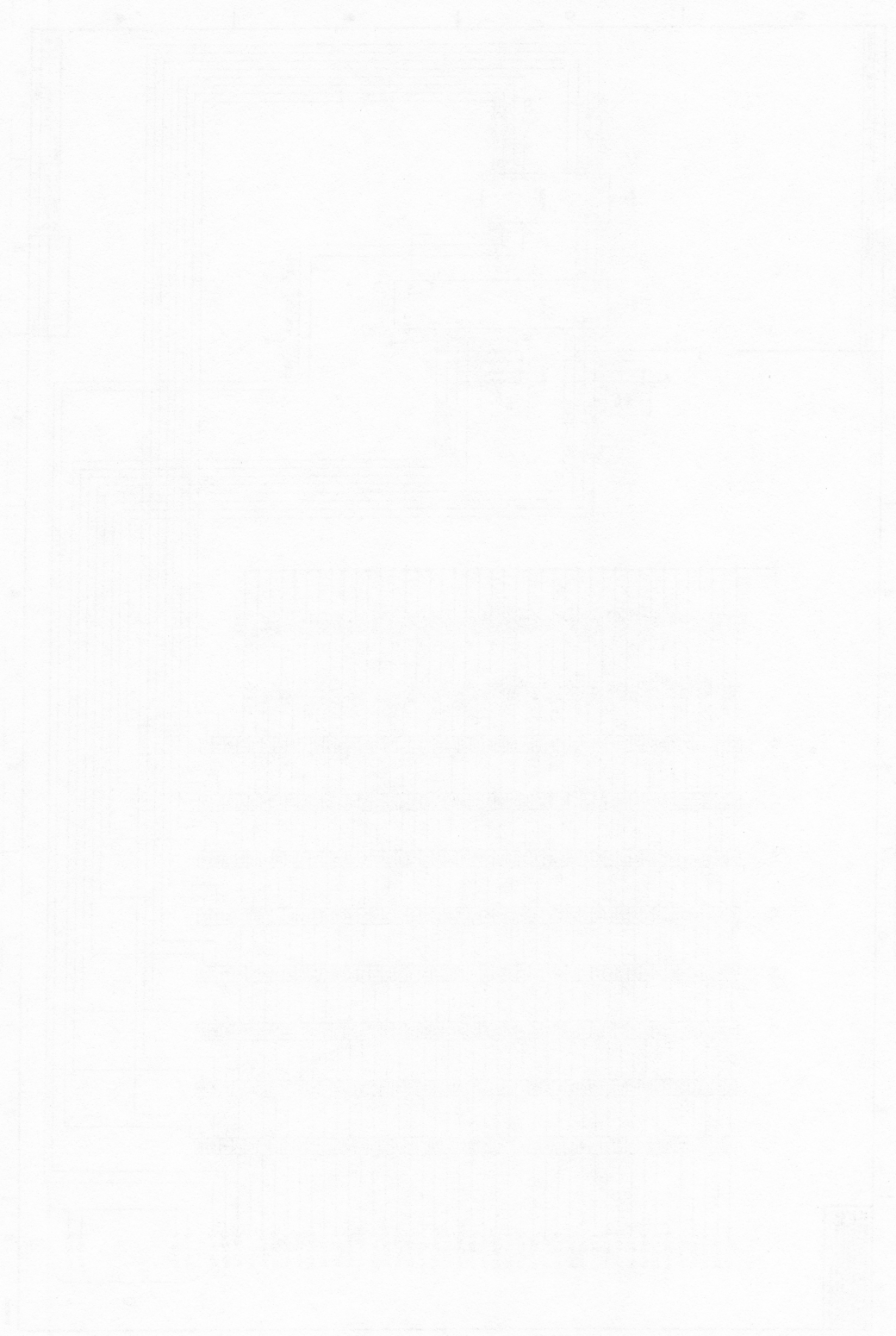


Figure 3-2. iSBC 608/618 Schematic (Sheet 2)

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